

5/16

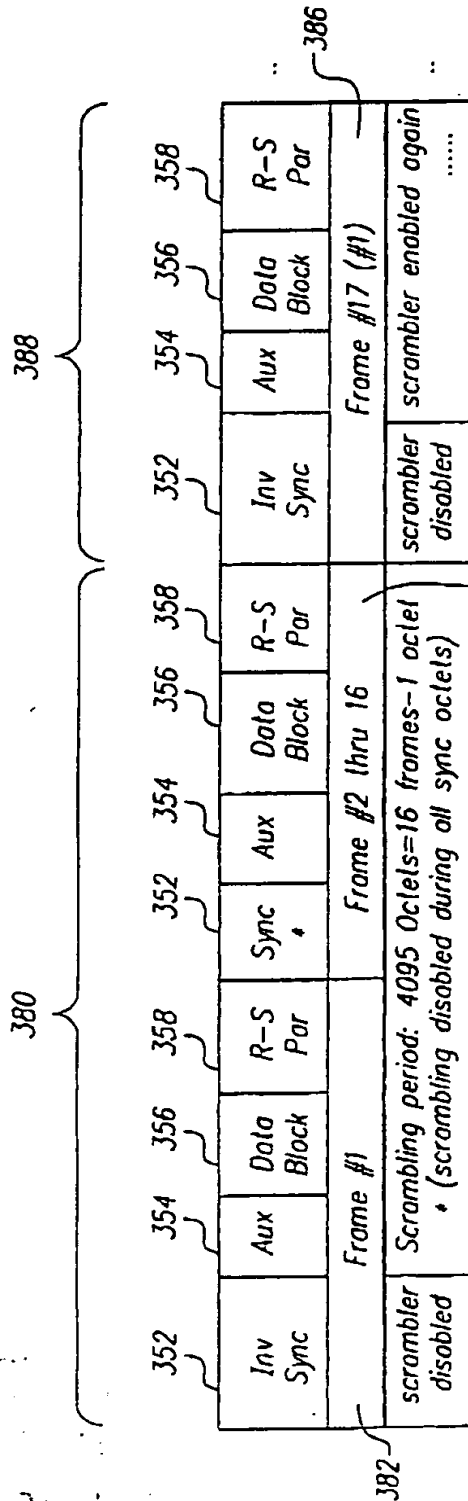


FIG. 7

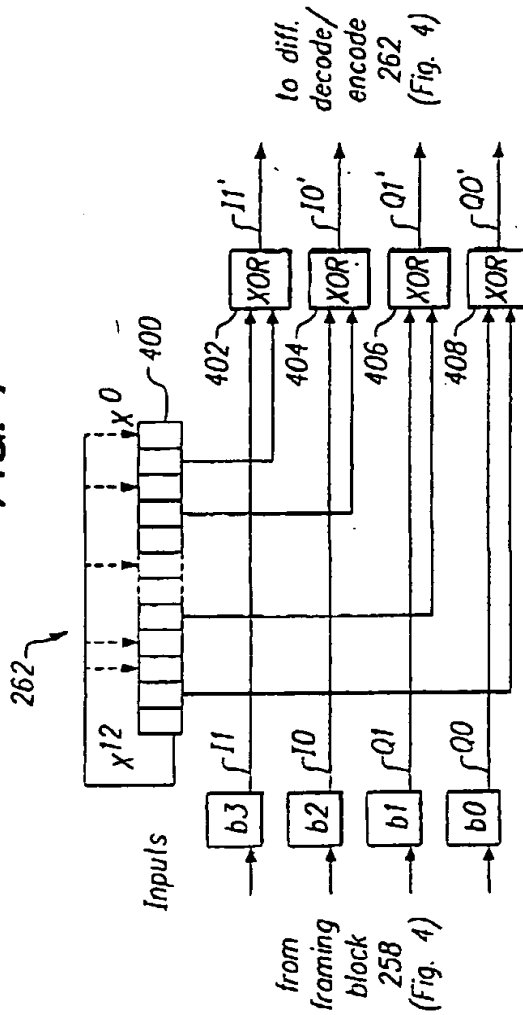
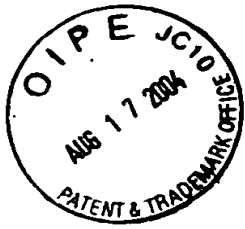


FIG. 8



6/16

$Quad = 2 \cdot I1' + Q1'$; - Map Quadrant Tag [0 1 2 3]
 $Phi = [0 \ 1 \ 3 \ 2]$; - to Angle = [0 1 2 3]
 $Angle = Phi(Quad)$
 $Sum = (Sum + Angle) \text{ modulo } 4$;
 $I1'' = \text{bit 1 of } Sum$; $I0'' = I0'$;
 $Q1'' = \text{bit 0 of } Sum$; $Q0'' = Q0'$;

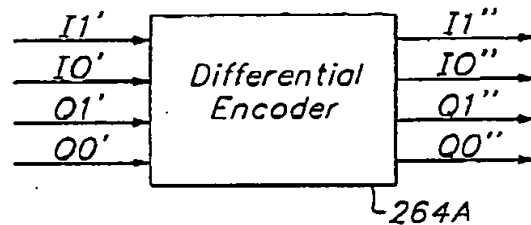


FIG. 9

$Angle = 2 \cdot RxIs' + RxQs'$;
 $Phi' = [0 \ 1 \ 3 \ 2]$;
 $Diff = (Phi'(Angle) - Phi_0) \text{ modulo } 4$;
 $Phi_0 = Phi'(Angle)$;
 $RxIs = \text{bit 1 of } Phi'(Diff)$; $RxIm = RxIm'$;
 $RxQs = \text{bit 0 of } Phi'(Diff)$; $RxQm = RxQm'$;

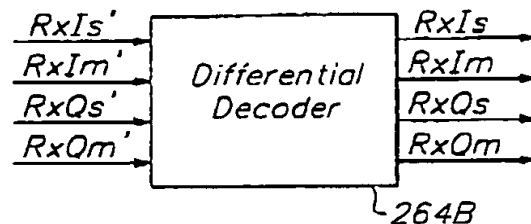
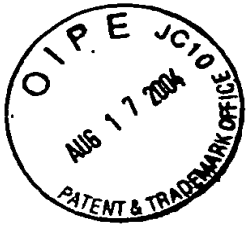
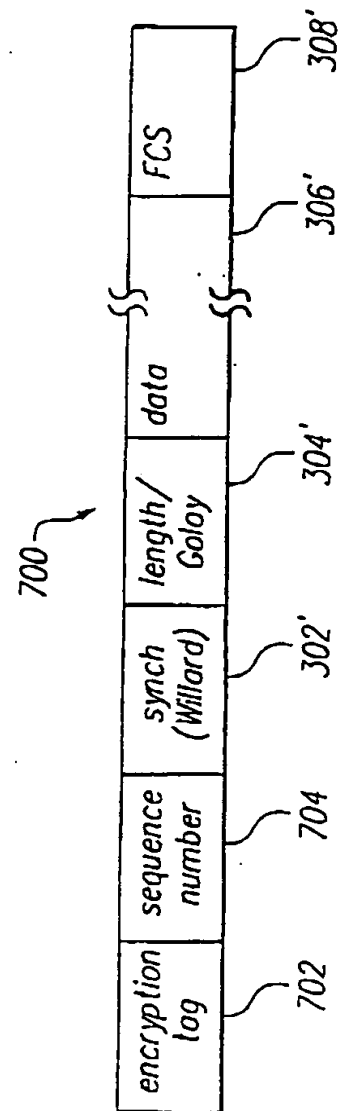
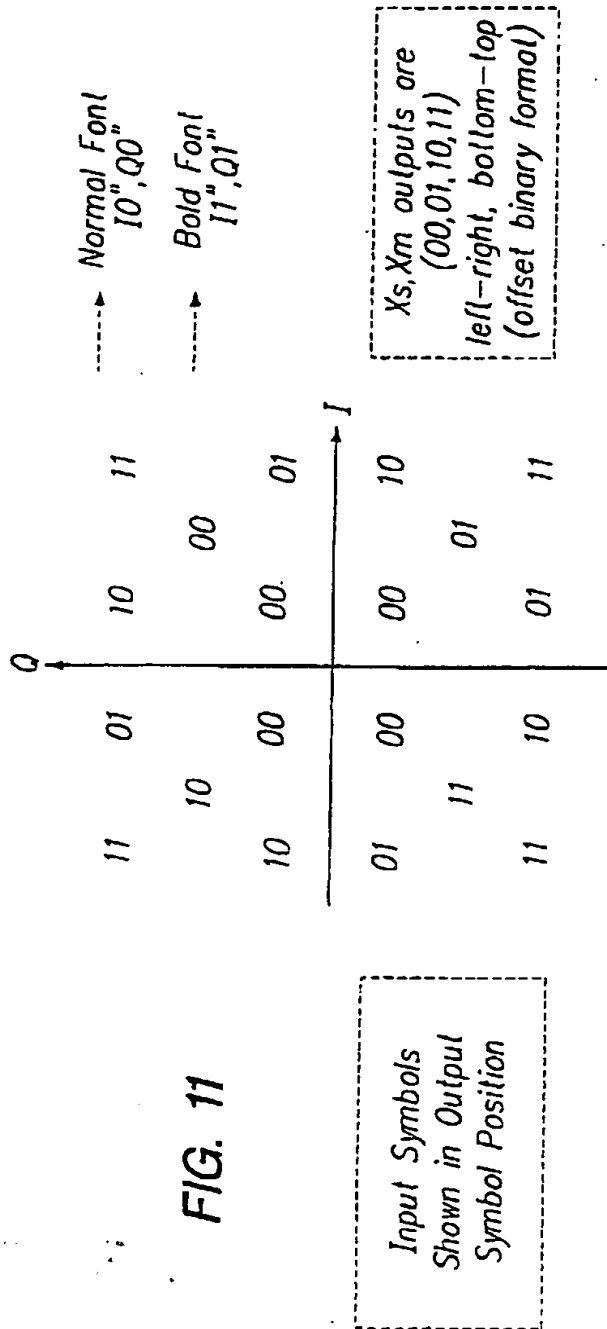


FIG. 10



7/16



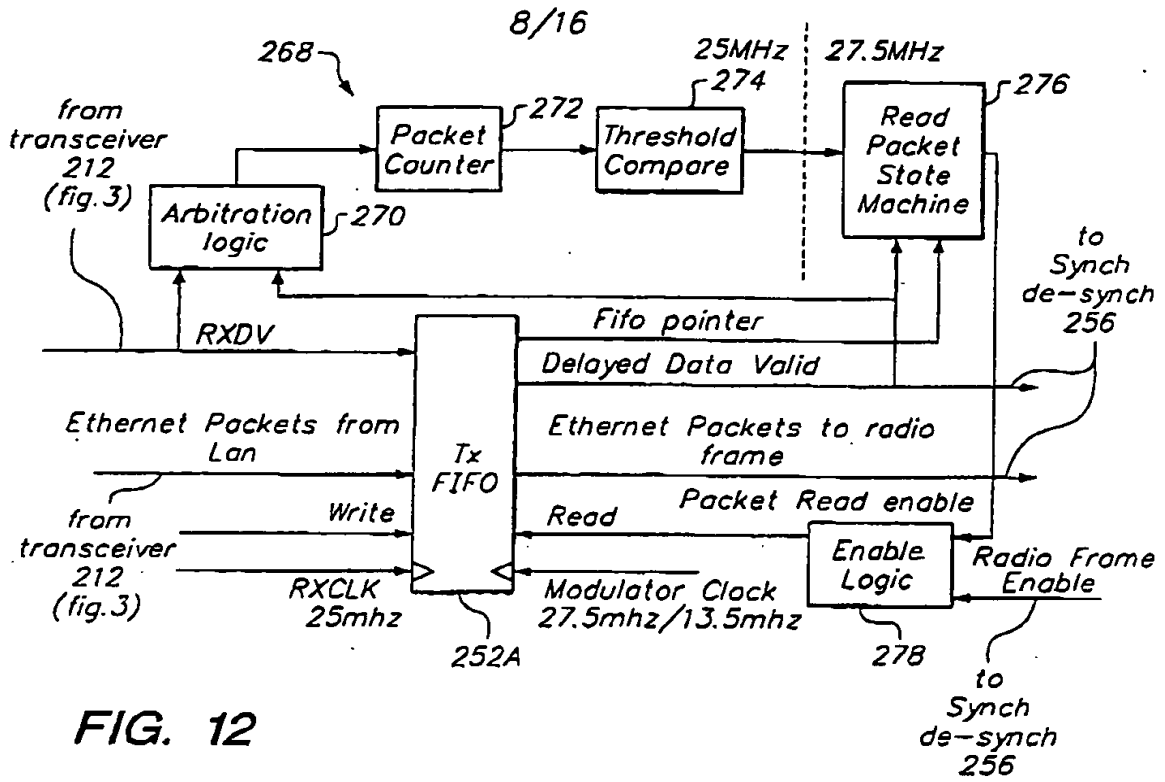
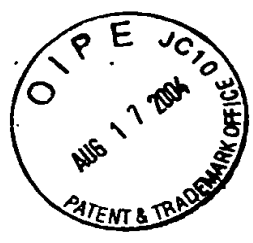


FIG. 12

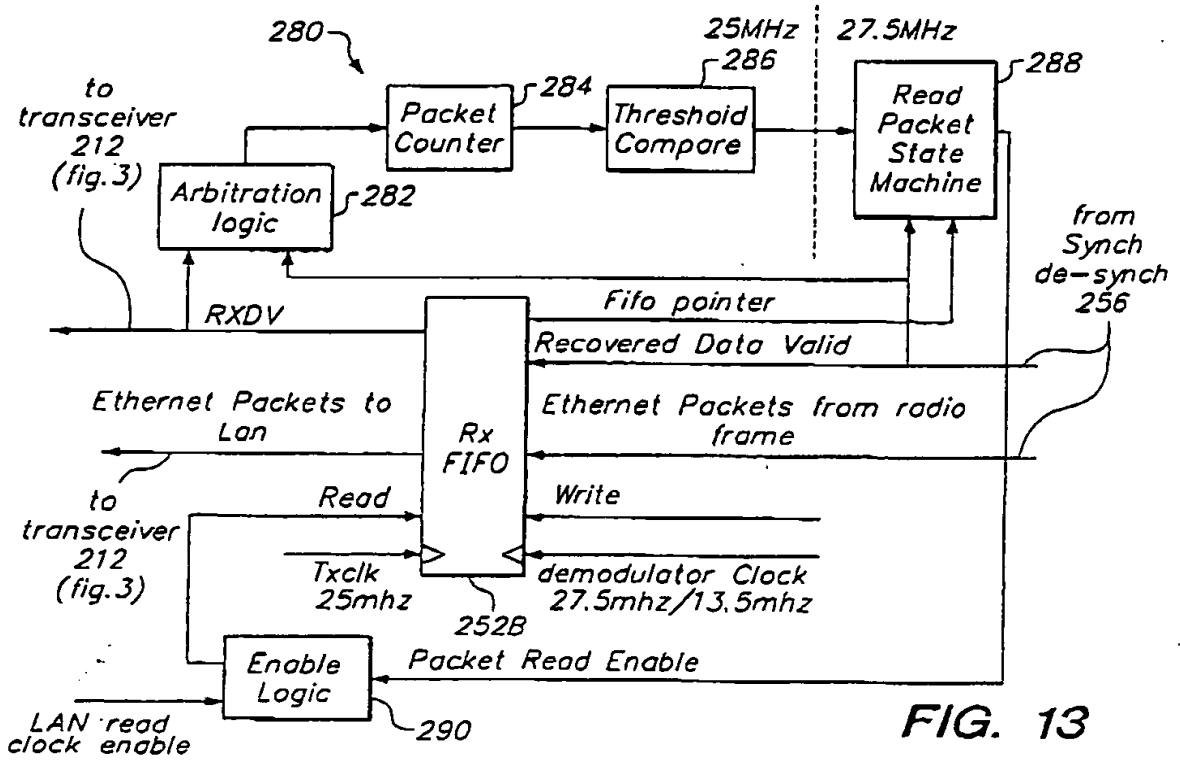
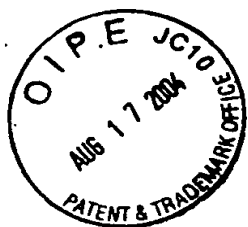


FIG. 13



Appln. No. 09/158,778
Amdt. dated August 17, 2004
Reply to Office Action of June 14, 2004

SUBSTITUTE DRAWING SHEET

10/16

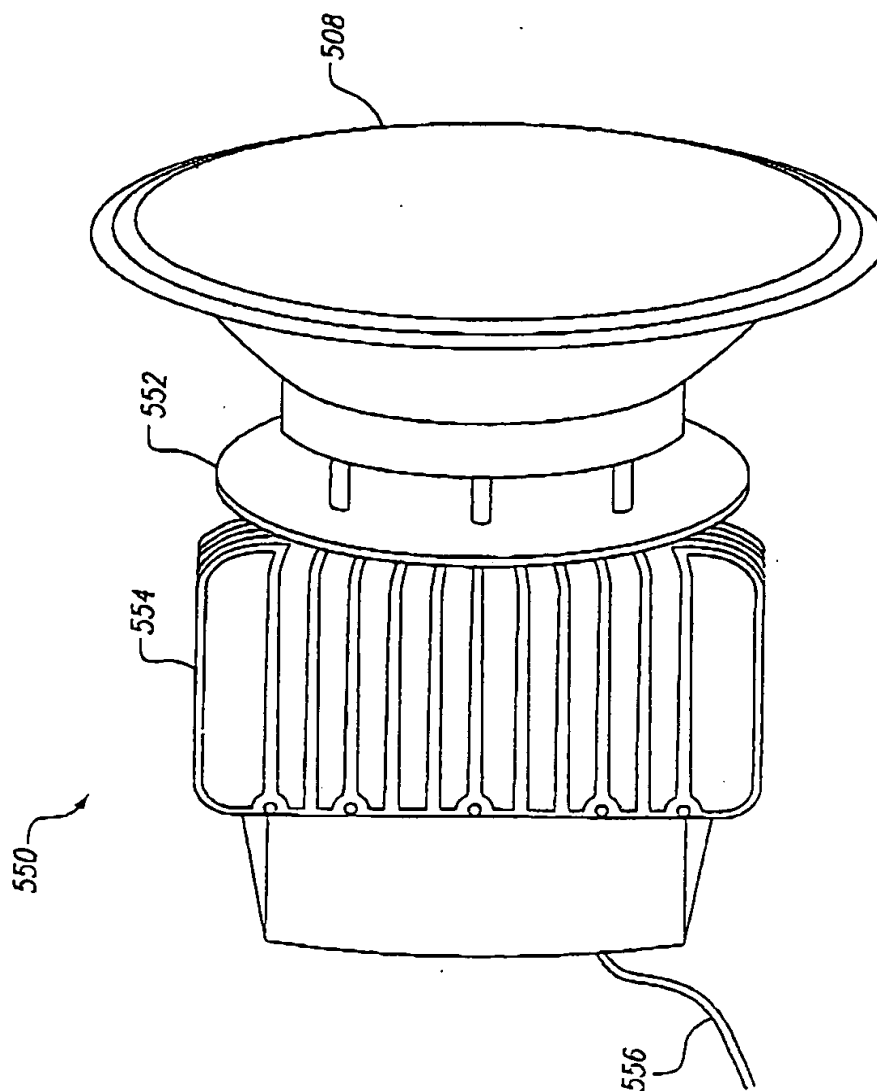
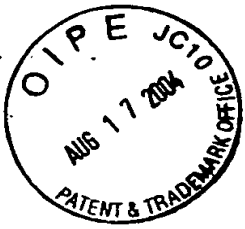


FIG. 15



13/16

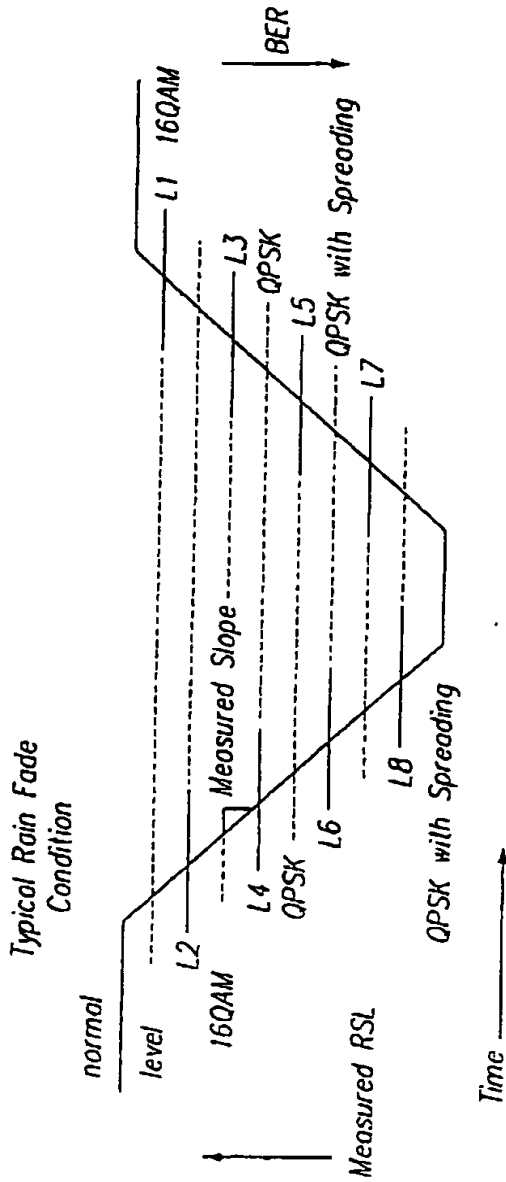


FIG. 19

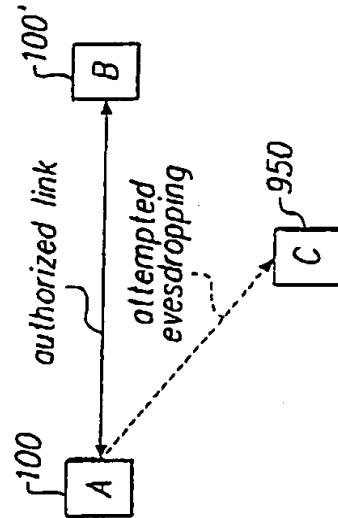
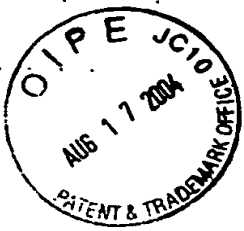


FIG. 22



14/16

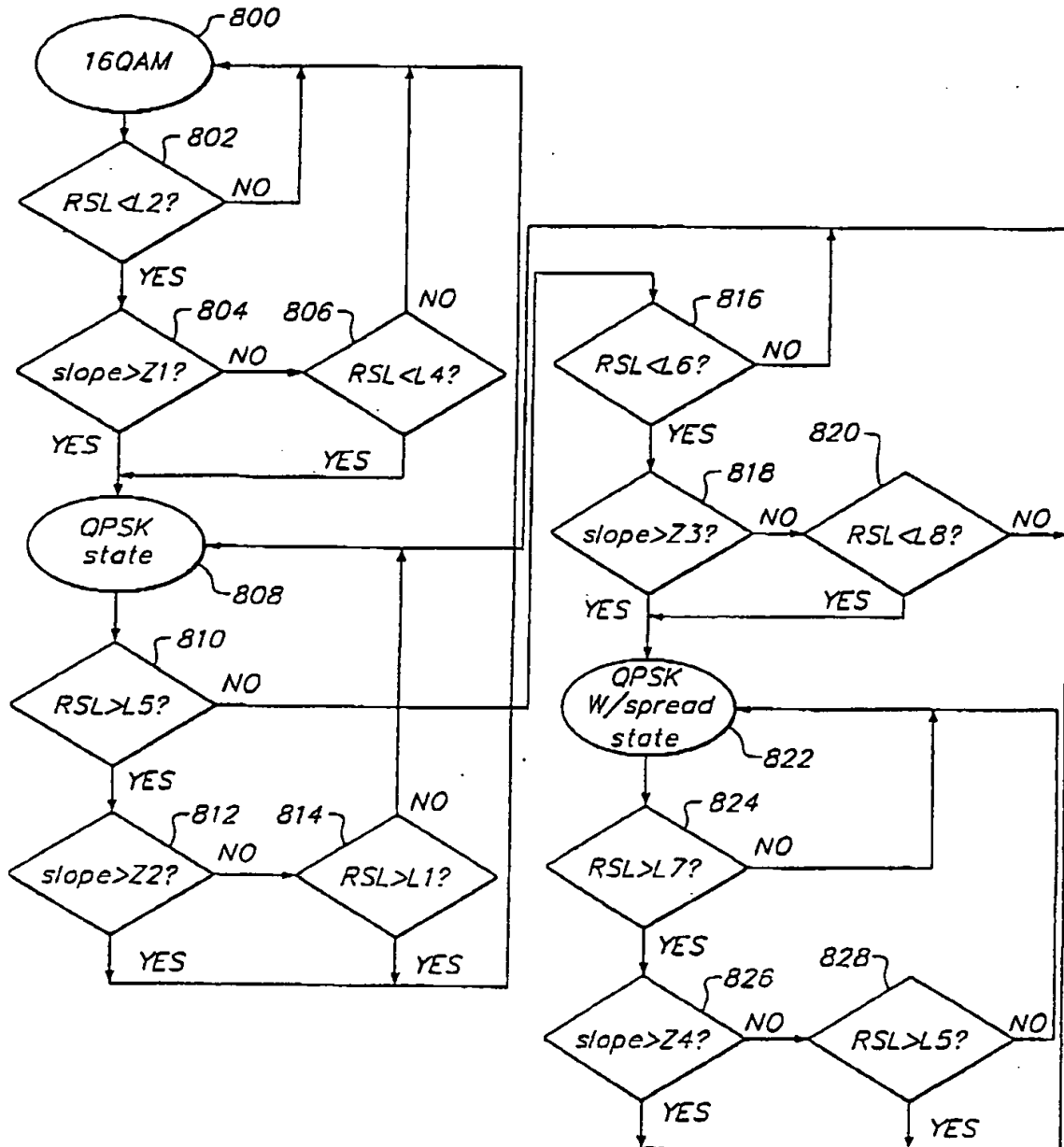
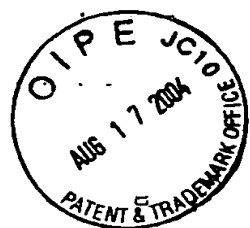


FIG. 20



Appln. No. 09/158,778
Amdt. dated August 17, 2004
Reply to Office Action of June 14, 2004

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15/16

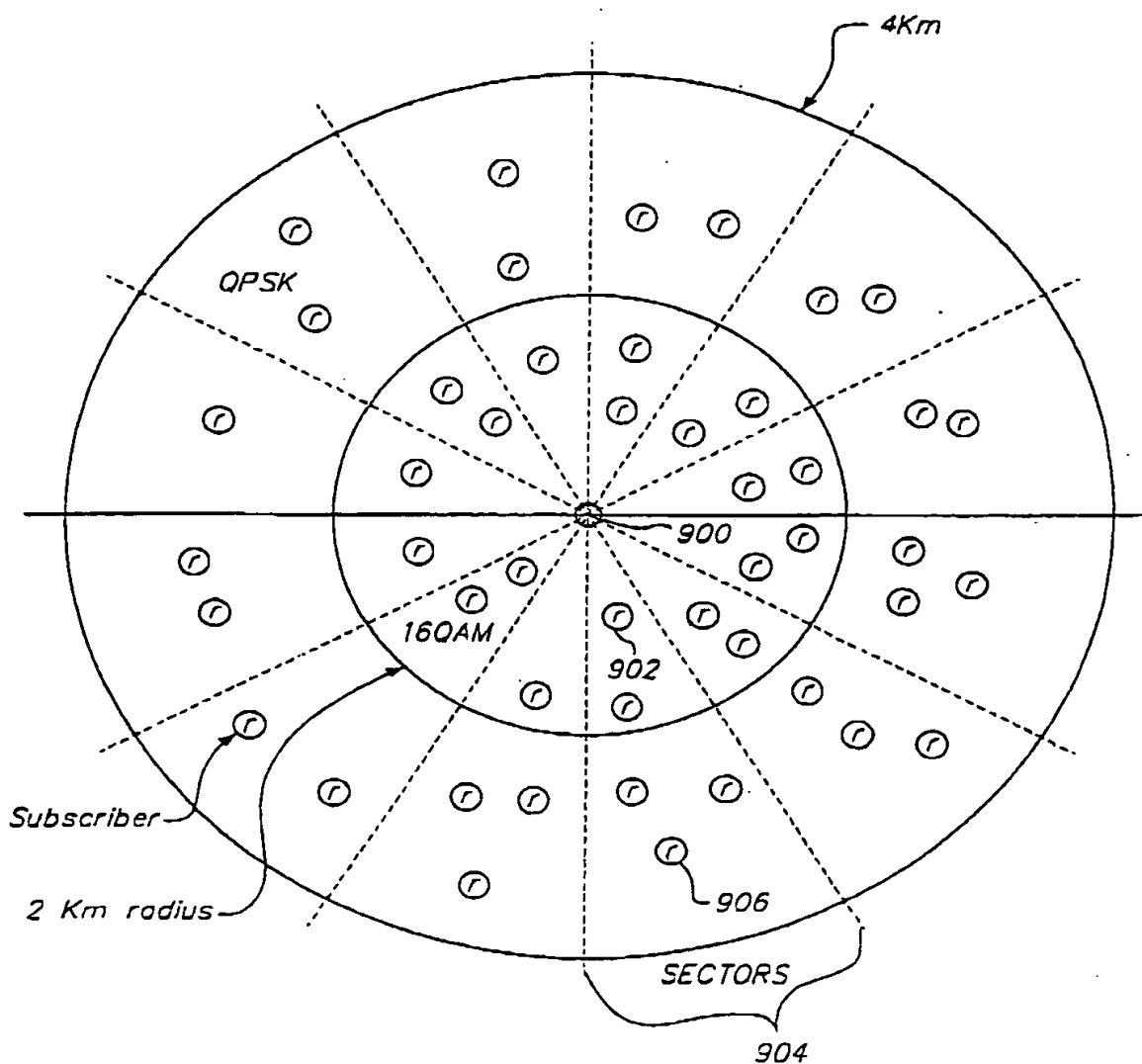


FIG. 21